

Ice Seasonality Investigation

Site Definition Sheet

School Name: _____

Observer Names: _____

Date: _____ Check one: ☐ New Site ☐ Metadata Update

Study Site name (give your site a unique name): _____

Type of Site: Check one: ☐ River/Creek ☐ Lake/Pond**Coordinates:** Latitude: _____ ☐ N or ☐ S (check one)Longitude: _____ ☐ E or ☐ W (check one)

Elevation: _____ meters

Source of Location Data (check one): ☐ GPS ☐ Other

If other, describe: _____

Source of Meteorological Data:Temperature data: ☐ GLOBE Atmospheric Site ☐ National Weather Service☐ Airstrip data ☐ Newspaper/local media reportsSnow data: ☐ GLOBE Atmospheric Site ☐ National Weather Service☐ Airstrip data ☐ Newspaper/local media reports ☐ Observation

If possible, provide some location information about the source of your meteorological data:

Distance to Ice Site: _____ kilometers;

Direction to Ice Site: ☐ N ☐ NE ☐ E ☐ SE ☐ S ☐ SW ☐ W ☐ NW**OR**Latitude: _____ ☐ N or ☐ S (check one)Longitude: _____ ☐ E or ☐ W (check one)

If a GLOBE Atmosphere Site is being used as the source of meteorological data for your Ice Seasonality Site, please complete the following:

Atmosphere Site: ATM-_____

Distance to Ice Site: _____ meters;

Direction to Ice Site: ☐ N ☐ NE ☐ E ☐ SE ☐ S ☐ SW ☐ W ☐ NW**Driving and/or walking directions:** Provide directions to the site from some well-known landmark (school, cross roads, etc.). If appropriate, include walking directions from where your vehicle is parked to the Ice Site access/photo vantage point(s).

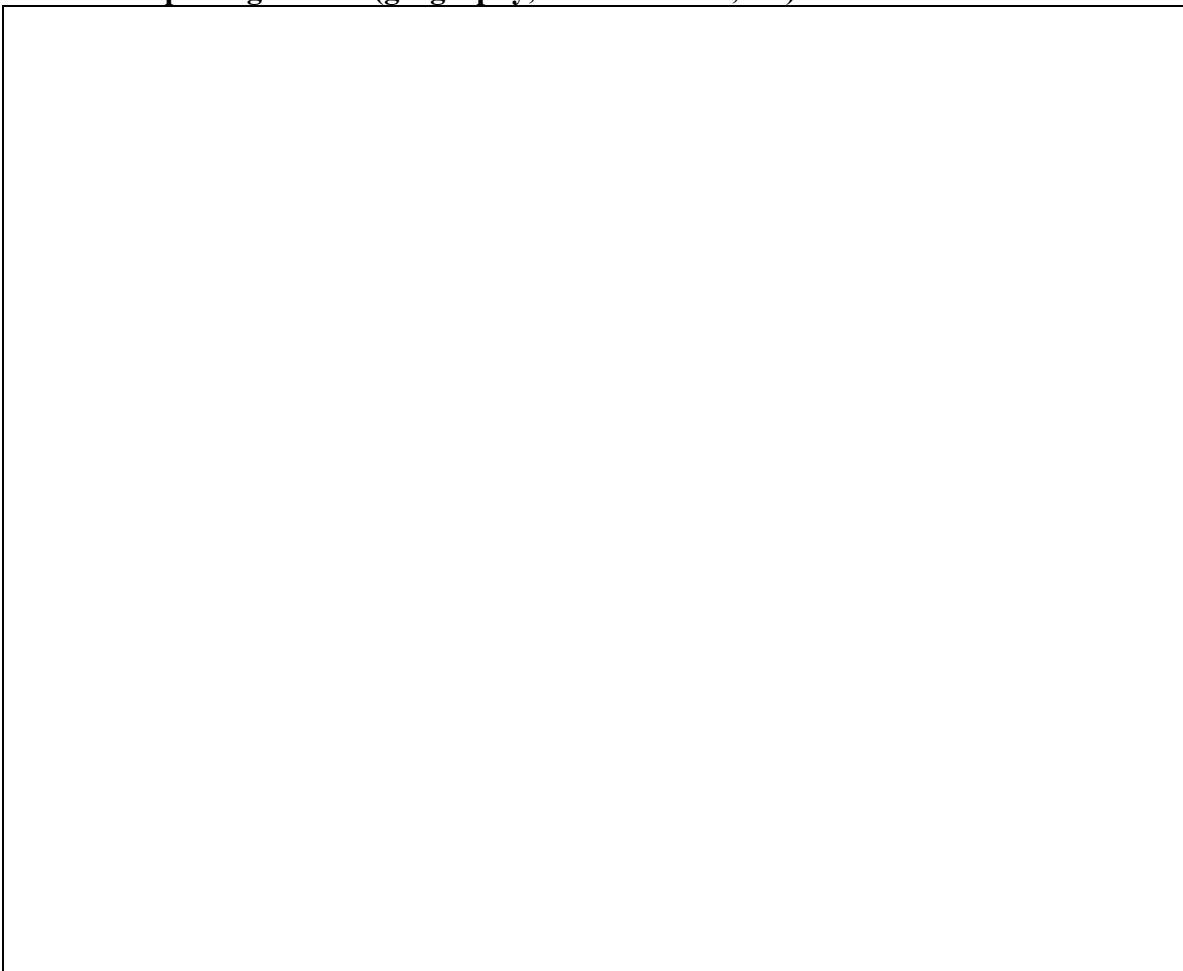
Site Biome:

The site is in the following natural biome (check one – definitions are found on the GLOBE Seasons and Biomes website):

- | | | |
|--|--|---|
| <input type="checkbox"/> Tundra | <input type="checkbox"/> Taiga/Boreal Forest | <input type="checkbox"/> Montane |
| <input type="checkbox"/> Temperate Conifer Forest | | |
| <input type="checkbox"/> Temperate Deciduous/Mixed Forest | | |
| <input type="checkbox"/> Tropical/Subtropical Moist Deciduous Forest | | |
| <input type="checkbox"/> Tropical/Subtropical Dry Deciduous Forest | | |
| <input type="checkbox"/> Tropical/Subtropical Coniferous Forest | | |
| <input type="checkbox"/> Mediterranean | <input type="checkbox"/> Tropical Grasslands | <input type="checkbox"/> Temperate Grasslands |
| <input type="checkbox"/> Desert/Xeric | <input type="checkbox"/> Flooded Grasslands | <input type="checkbox"/> Mangroves |

The natural condition of the site has been modified by human activity in the following way (check one):

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Urban (dense settlement) | <input type="checkbox"/> Rural (villages) | |
| <input type="checkbox"/> Croplands/Agriculture | <input type="checkbox"/> Rangeland/Grazing | <input type="checkbox"/> Forestry |
| <input type="checkbox"/> Little Human Influence | <input type="checkbox"/> No Human Influence | |

Sketch/Map/Image of site (geography, main features, etc):

Standard Photograph Set of River Ice/Lake Ice Observation Site:

For a **River Ice site**, the Standard Photograph Set includes three photos: Across, Upstream, and Downstream.

For a **Lake/Pond Ice site**, the Standard Photograph Set needs to be defined by you and can include up to 6 photos. If this is a **Lake/Pond site**, provide names for the *photo views* in your standard photo set:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Your Site Definition includes taking one Standard Photograph Set. When you download the photos from your camera, rename them to follow the convention *study site ID_ date_ photo view* (so the format would be: *ICE-99_YYMMDD_XXXXXX* where *XXXXXX* is *Up, Down, or Across for River Ice sites; or the names you chose above for Lake/Pond Ice sites*).

Enter the filename and annotation comments for each photo here:

Photo 1:	ICE- _____	Comments: _____
Photo 2:	ICE- _____	Comments: _____
Photo 3:	ICE- _____	Comments: _____
Photo 4:	ICE- _____	Comments: _____
Photo 5:	ICE- _____	Comments: _____
Photo 6:	ICE- _____	Comments: _____